

Attorney's Docket No.: 06998-022001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jonathan Hood Young et al.
Serial No. : 08/825,534
Filed : March 28, 1997

Art Unit : 2741
Examiner : M. LERNER

Notice of Allowance Date: February 1, 2000

Title : ERROR CORRECTION IN SPEECH RECOGNITION

Attention: Official Draftsman

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

In response to the Notice of Allowability mailed February 1, 2000, please substitute the enclosed 31 sheets of formal drawings for the corresponding drawings presently in the application.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

March 31, 2000

Diana DiBerardino

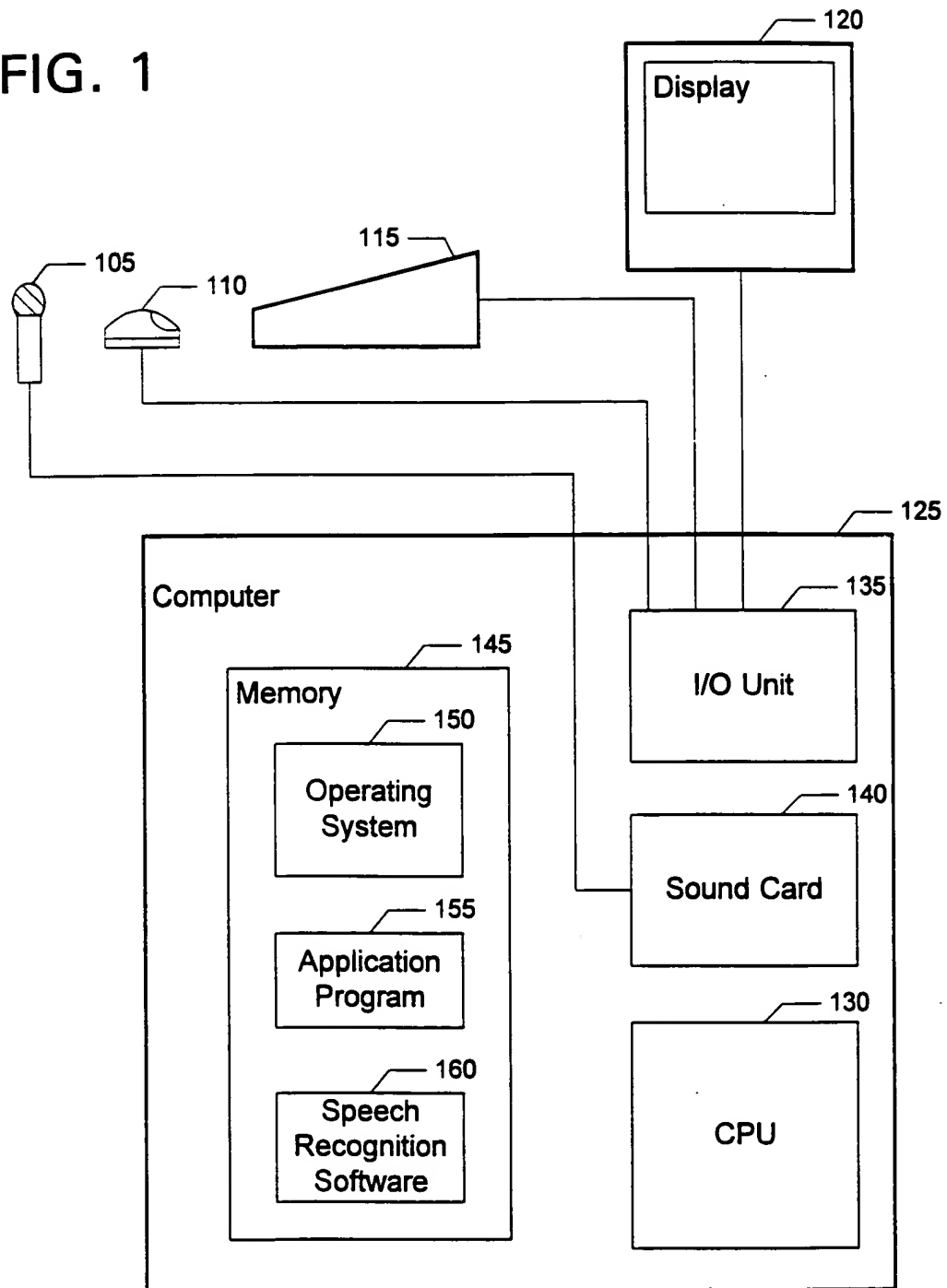
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6064959

FIG. 1



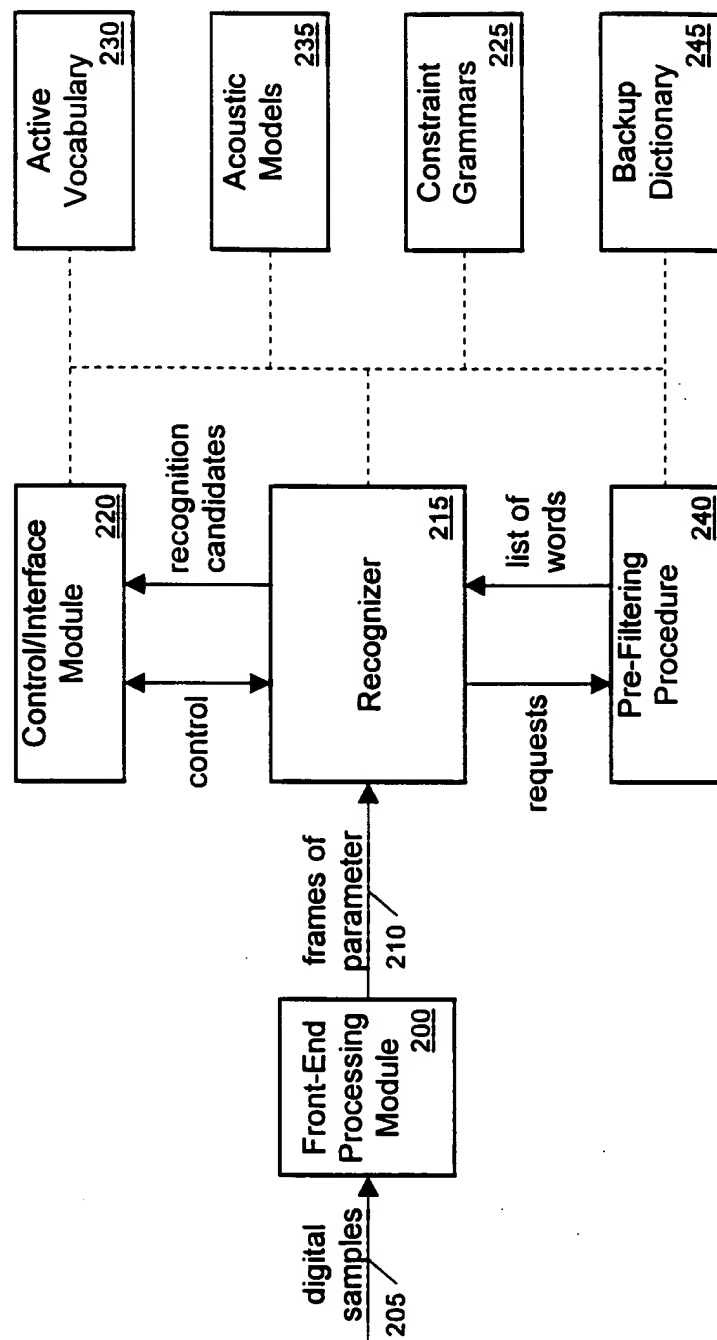


FIG. 2

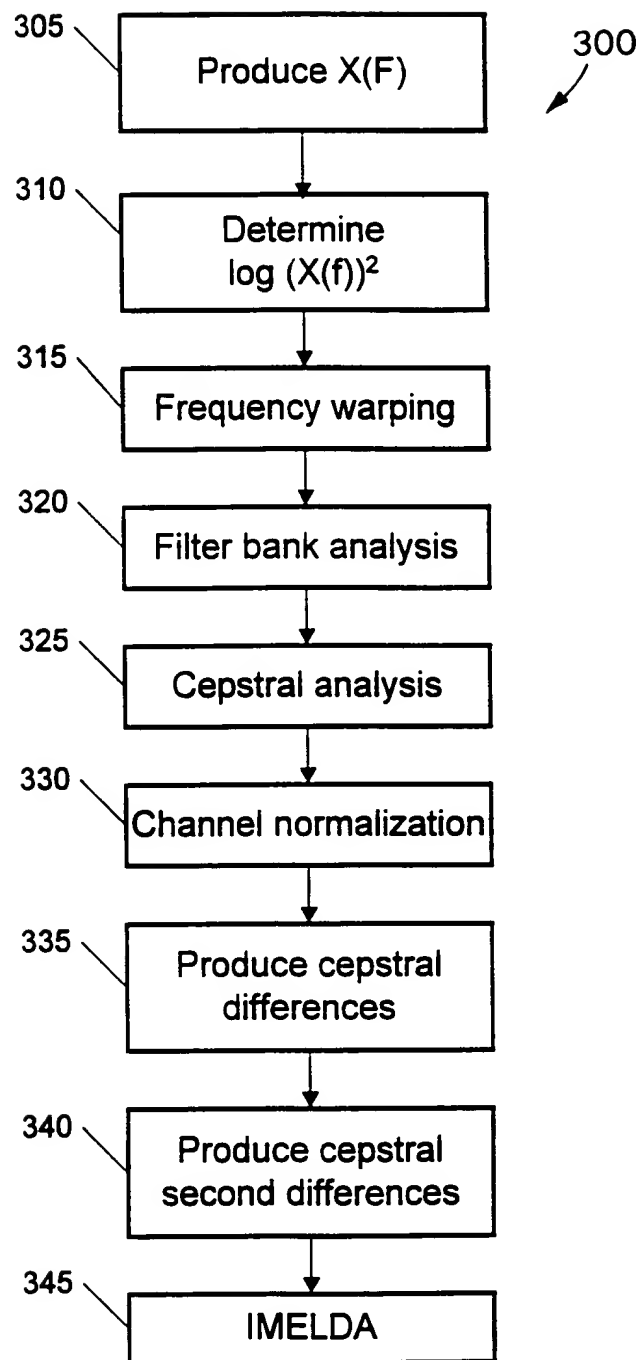


FIG. 3

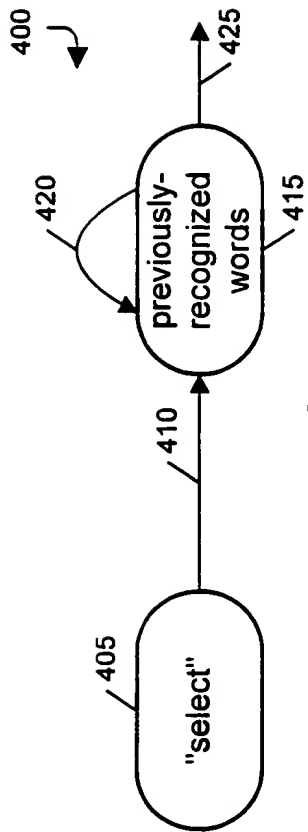


FIG. 4A

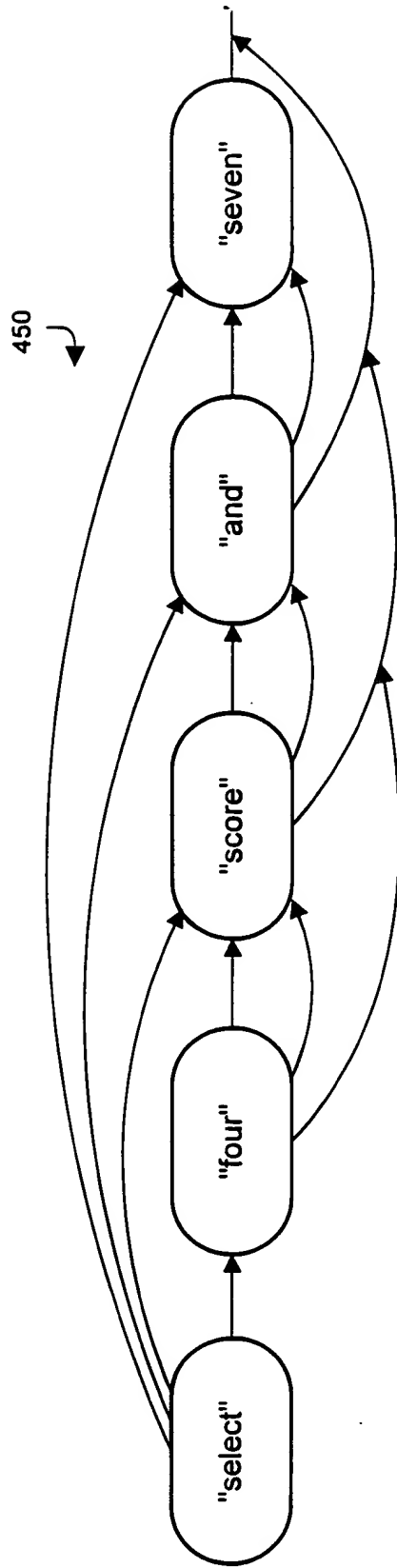


FIG. 4B

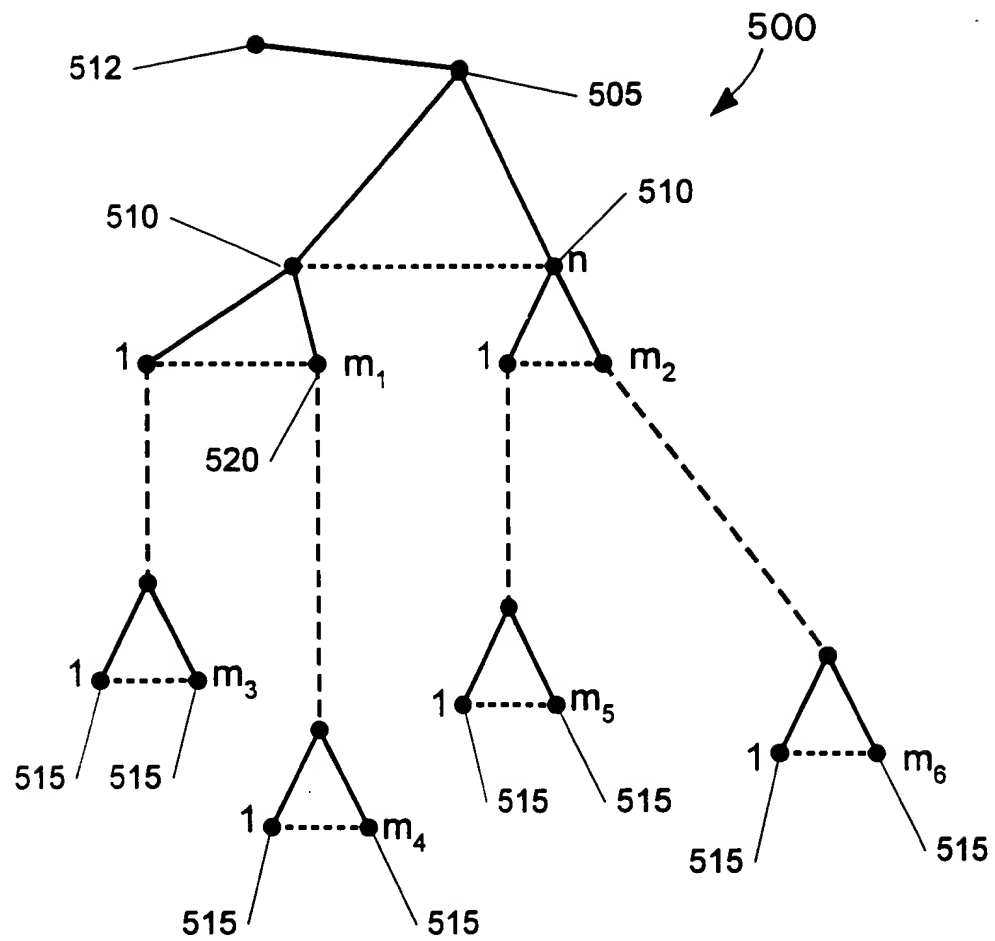


FIG. 5

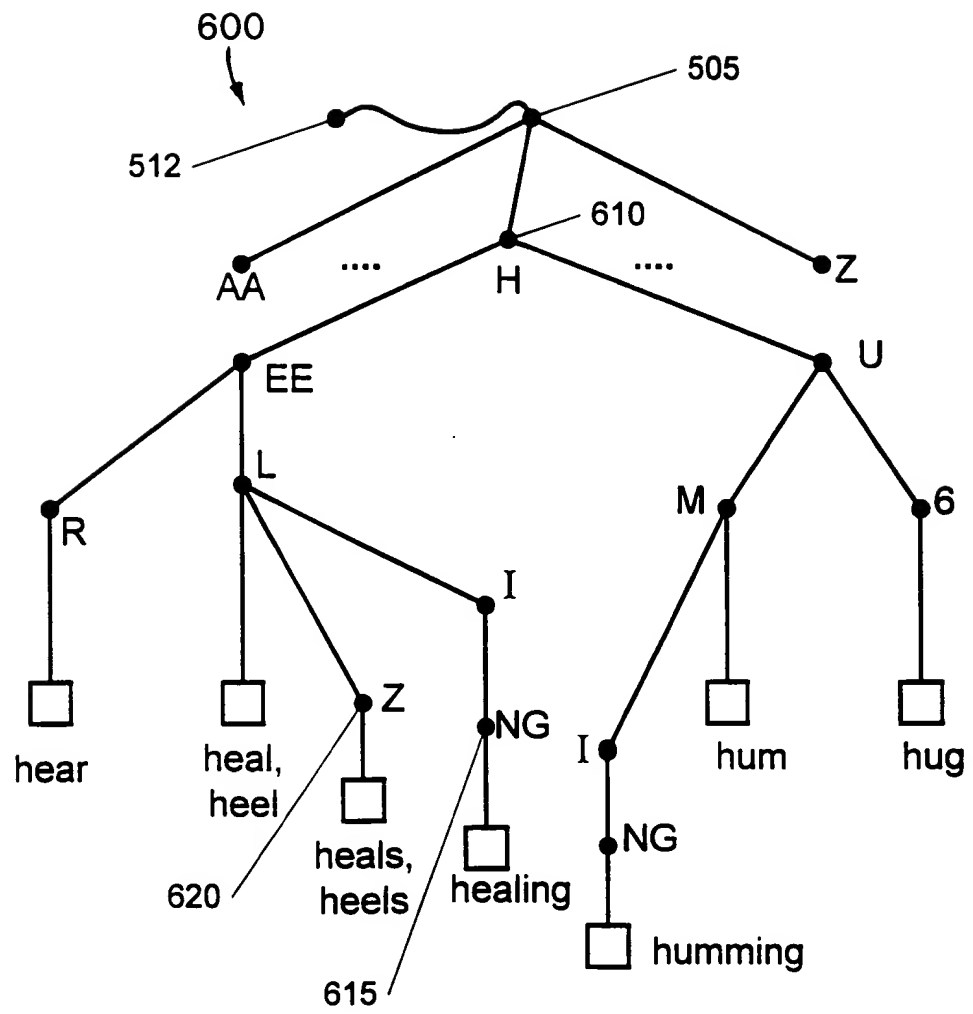


FIG. 6

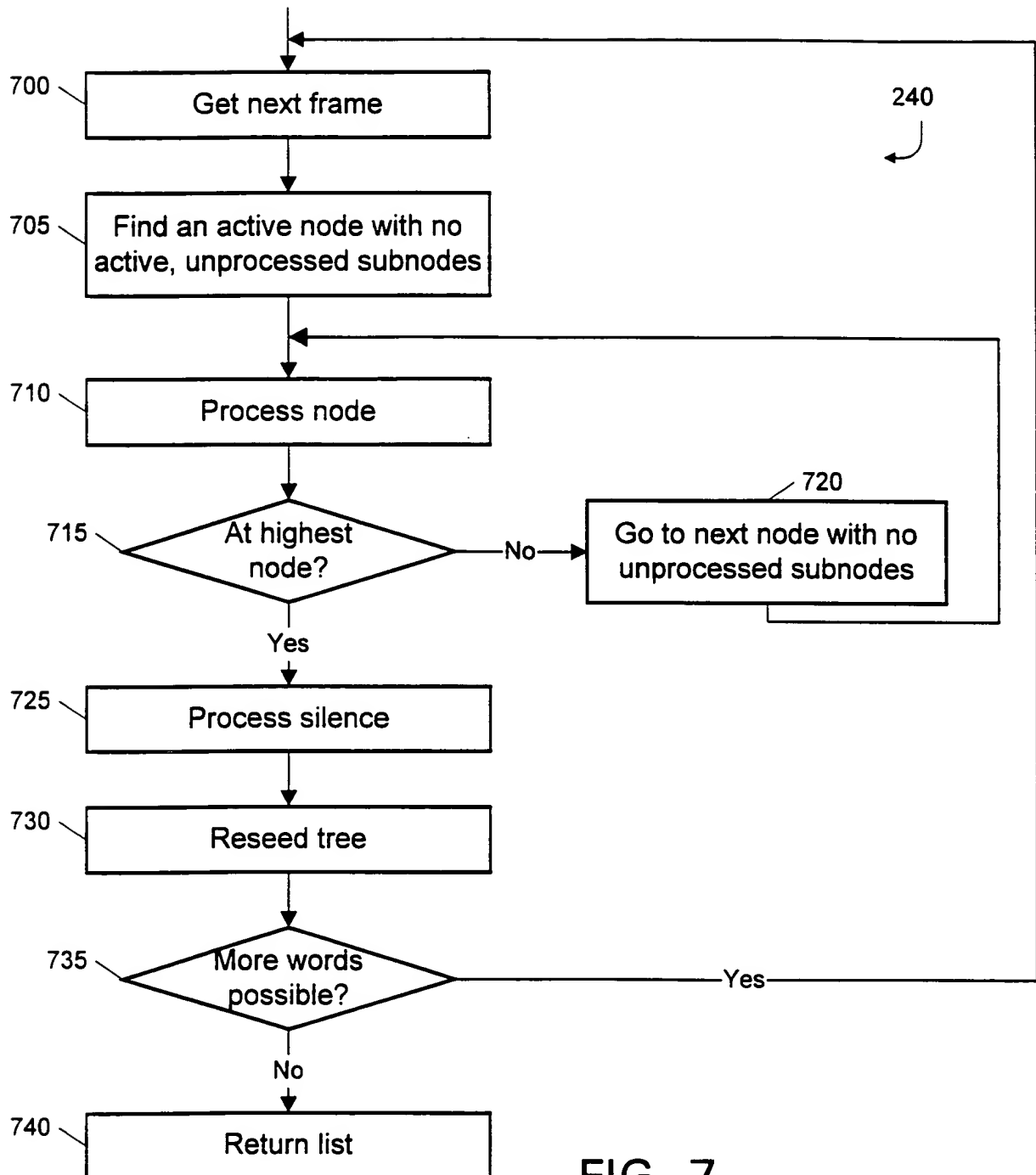


FIG. 7

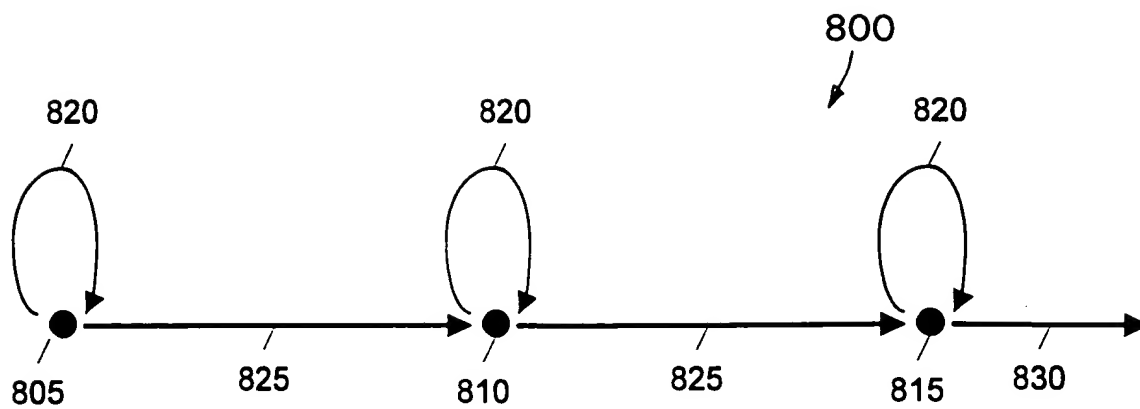


FIG. 8A

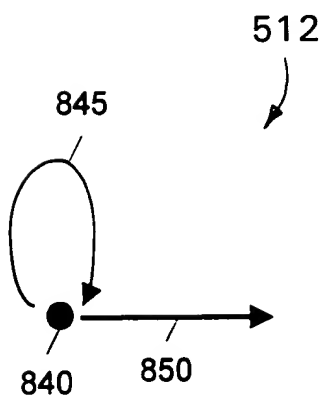


FIG. 8B

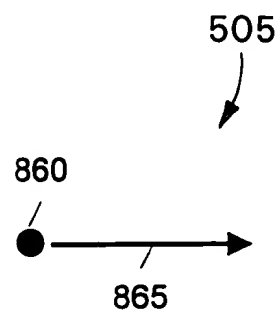


FIG. 8C

Frame	840 ("A")	805 ("B")	810 ("C")	815 ("D")	Next Node ("N")
900 — 0	0	----	----	----	----
905 — 1	$S_{A1} = A_{A1}$	$S_{B1} = A_{B1}$	----	----	----
910 — 2	$S_{A2} = S_{A1} + A_{A2}$	$S_{B2} = \min(S_{B1} + \text{stay}_B, S_{A1}) + A_{B2}$	$S_{C2} = S_{B1} + \text{leave}_B + A_{C2}$	----	----
915 — 3	$S_{A3} = S_{A2} + A_{A3}$	$S_{B3} = \min(S_{B2} + \text{stay}_B, S_{A2}) + A_{B3}$	$S_{C3} = \min(S_{C2} + \text{stay}_C, S_{B2} + \text{leave}_B) + A_{C3}$	$S_{D3} = S_{C2} + \text{leave}_C + A_{D3}$	----
920 — 4	$S_{A4} = S_{A3} + A_{A4}$	$S_{B4} = \min(S_{B3} + \text{stay}_B, S_{A3}) + A_{B4}$	$S_{C4} = \min(S_{C3} + \text{stay}_C, S_{B3} + \text{leave}_B) + A_{C4}$	$S_{D4} = \min(S_{D3} + \text{stay}_D, S_{C3} + \text{leave}_C) + A_{D4}$	$S_{N4} = S_{D2} + \text{leave}_D + A_{D4}$
925 — n	$S_{An} = S_{An-1} + A_{An}$	$S_{Bn} = \min(S_{Bn-1} + \text{stay}_B, S_{An-1}) + A_{Bn}$	$S_{Cn} = \min(S_{Cn-1} + \text{stay}_C, S_{Bn-1} + \text{leave}_B) + A_{Cn}$	$S_{Dn} = \min(S_{Dn-1} + \text{stay}_D, S_{Cn-1} + \text{leave}_C) + A_{Dn}$	$S_{Nn} = \min(S_{Nn-1} + \text{stay}_M, S_{Mn-1} + \text{leave}_M) + A_{Nm}$

FIG. 9

Frame	810 ("A")	805 ("B")	810 ("C")	815 ("D")	Next Node ("N")
900 — 0	$S_{AO} = 0$	----	----	----	----
905 — 1	$S_{A1} = f(S_{AO}, A_{A1})$	$S_{B1} = f(S_{AO}, A_{B1})$	----	----	----
910 — 2	$S_{A2} = f(S_{A1}, A_{A2})$	$S_{B2} = f(S_{B1}, \text{stay}_B, S_{A1}, A_{B2})$	$S_{C2} = f(S_{B1}, \text{leave}_B, A_{C2})$	----	----
915 — 3	$S_{A3} = f(S_{A2}, A_{A3})$	$S_{B3} = f(S_{B2}, \text{stay}_B, S_{A2}, A_{B3})$	$S_{C3} = f(S_{C2}, \text{stay}_C, S_{B2}, \text{leave}_B, A_{C3})$	$S_{D3} = f(S_{C2}, \text{leave}_C, A_{D3})$	----
920 — 4	$S_{A4} = f(S_{A3}, A_{A4})$	$S_{B4} = f(S_{B3}, \text{stay}_B, S_{A3}, A_{B4})$	$S_{C4} = f(S_{C3}, \text{stay}_C, S_{B3}, \text{leave}_B, A_{C4})$	$S_{D4} = f(S_{D3}, \text{stay}_D, S_{C3}, \text{leave}_C, A_{D4})$	$S_{N4} = f(S_{D3}, \text{leave}_D, A_{D3})$
925 — n	$S_{An} = f(S_{An-1}, A_{An})$	$S_{Bn} = f(S_{Bn-1}, \text{stay}_B, S_{An-1}, A_{Bn})$	$S_{Cn} = f(S_{Cn-1}, \text{stay}_C, S_{Bn-1}, \text{leave}_B, A_{Cn})$	$S_{Dn} = f(S_{Dn-1}, \text{stay}_D, S_{Cn-1}, \text{leave}_C, A_{Dn})$	$S_{Nn} = f(S_{Dn-1}, \text{leave}_N, A_{Nn})$

FIG. 10

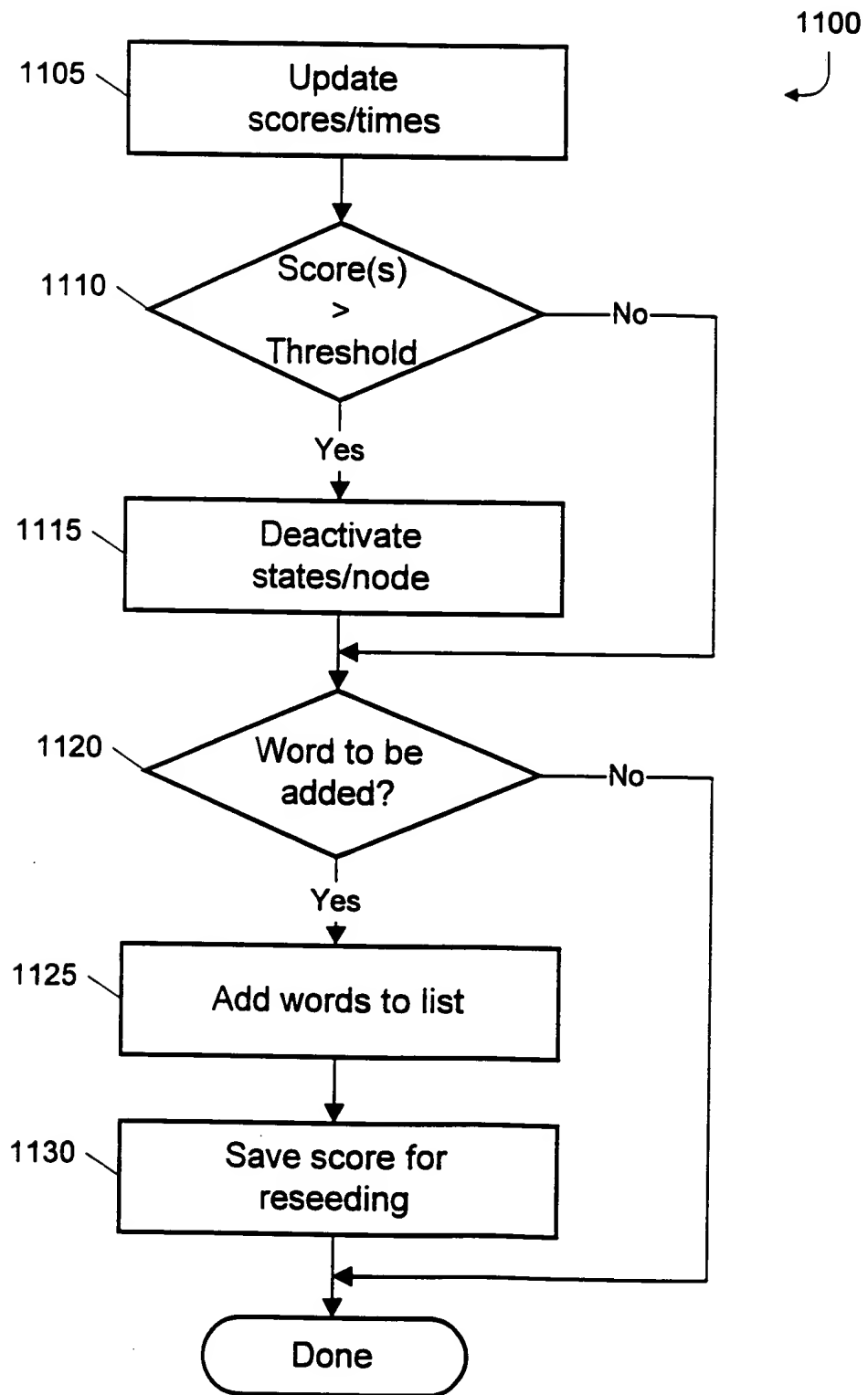
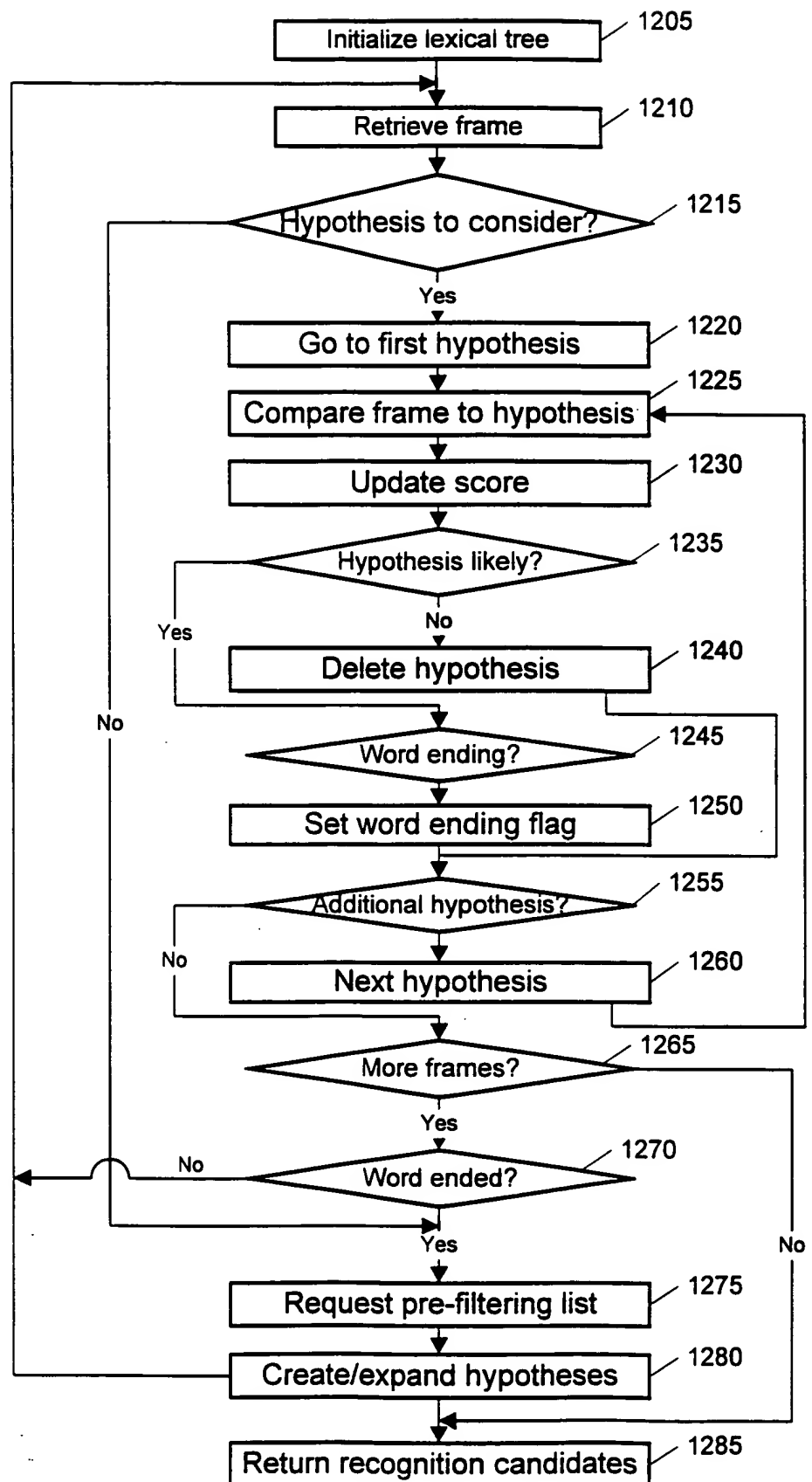


FIG. 11

FIG. 12



1300 — "When a justice needs a friend NEW-PARAGRAPH"
1315 — "there are two kinds of legal kibitzers"

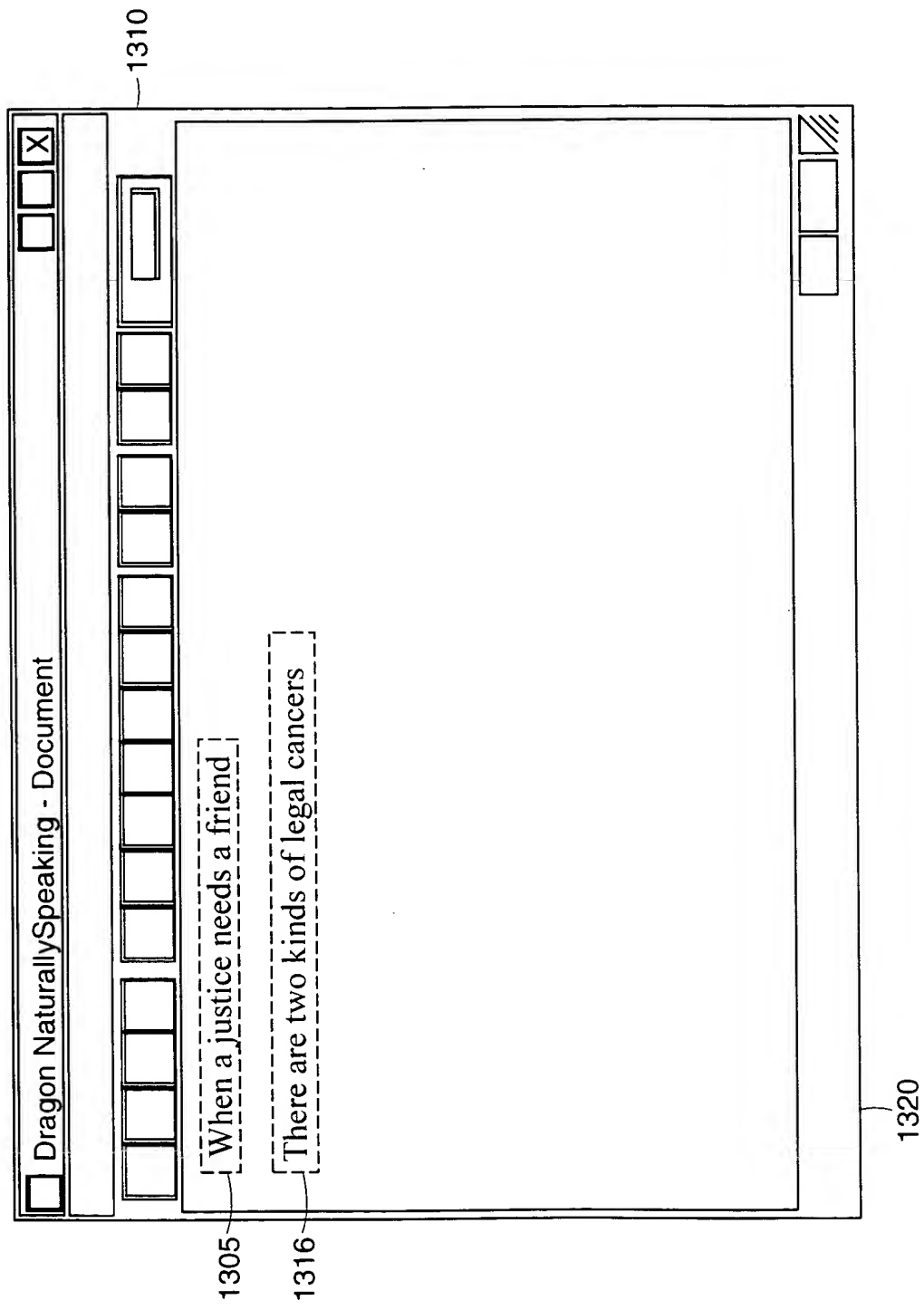


FIG. 13A

select cancers. "SPELL THAT k i b i"

Correction

kibi

kibitz

kibitized

kibitzer

kibitzers

kibitzes

kibitzing

1325

1326

1327

1328

FIG. 13B

"CHOOSE 4"

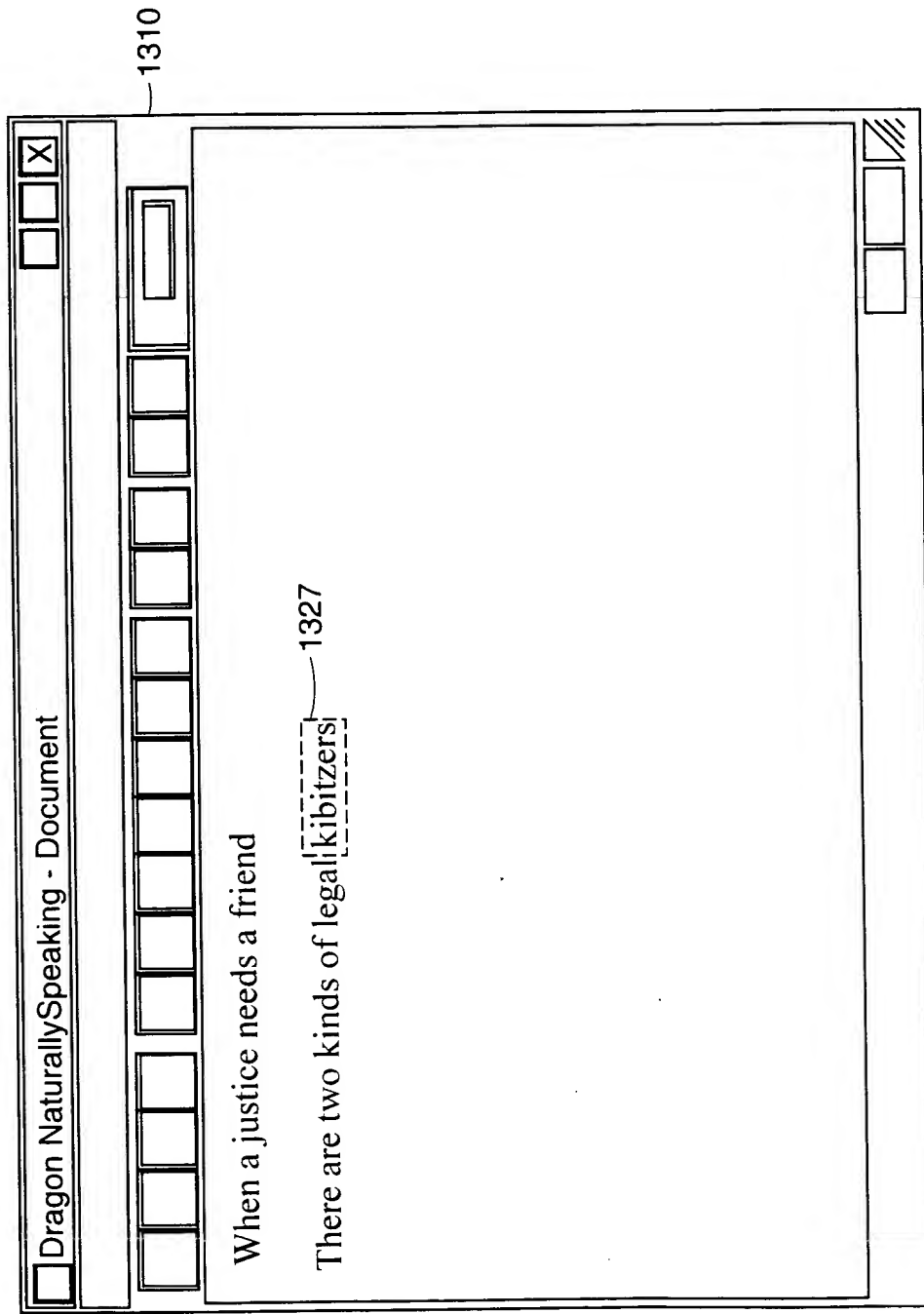


FIG. 13C

1329 — "those who pronounce amicus"

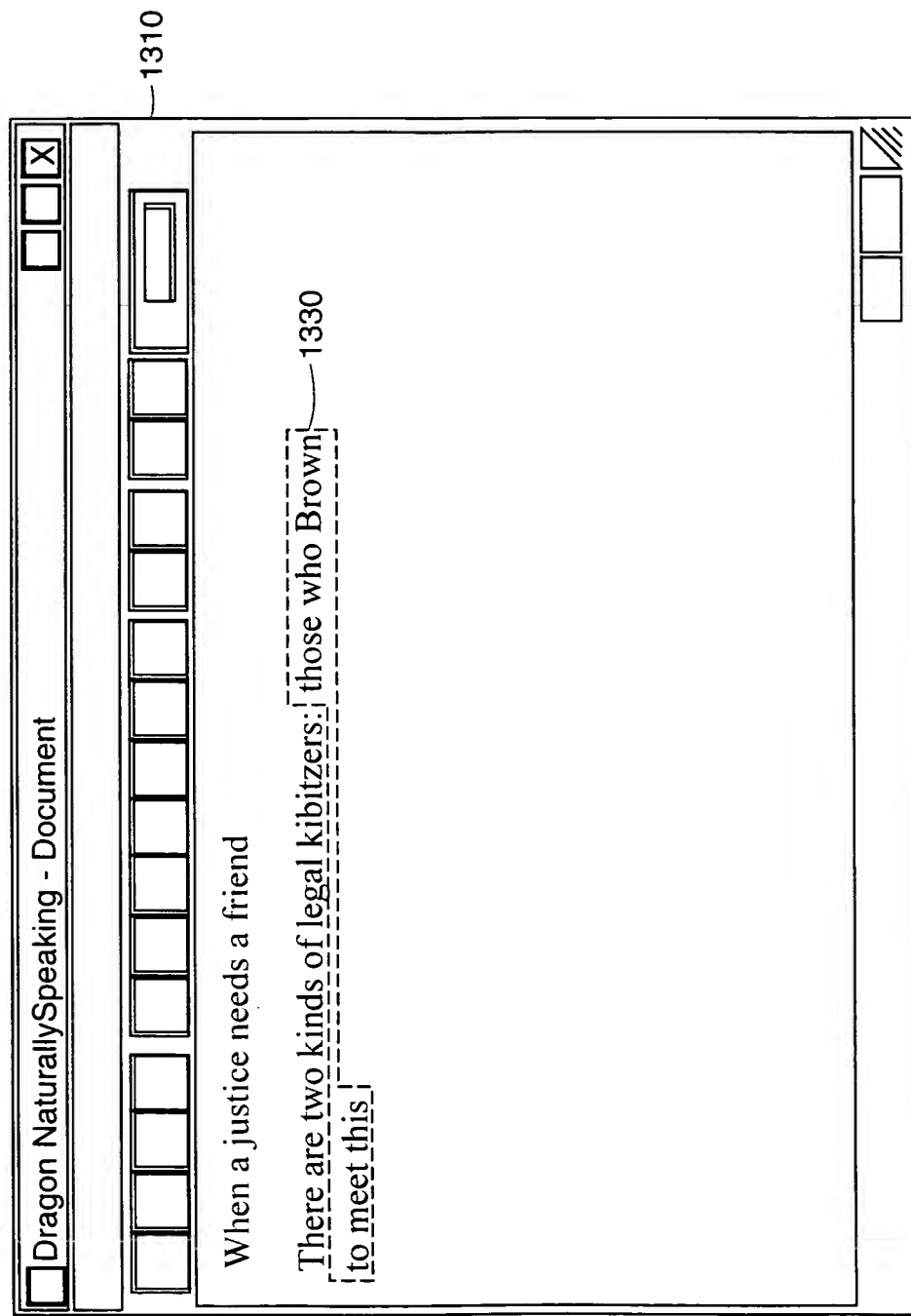


FIG. 13D

1331 — "CORRECT THAT"

Correction ☐

those who Brown to meet this

those who Brown to meet this

those who Brown's meet this

those who grabs a meet this

those who Browns meet this

those who browns meet this

those who grabs meet this

those who Brown to meet is

those who browns and meet this

those who Brown's meat is

those who Brown's meet is

1332

1325

1333

FIG. 13E

select "Brown" by mouse

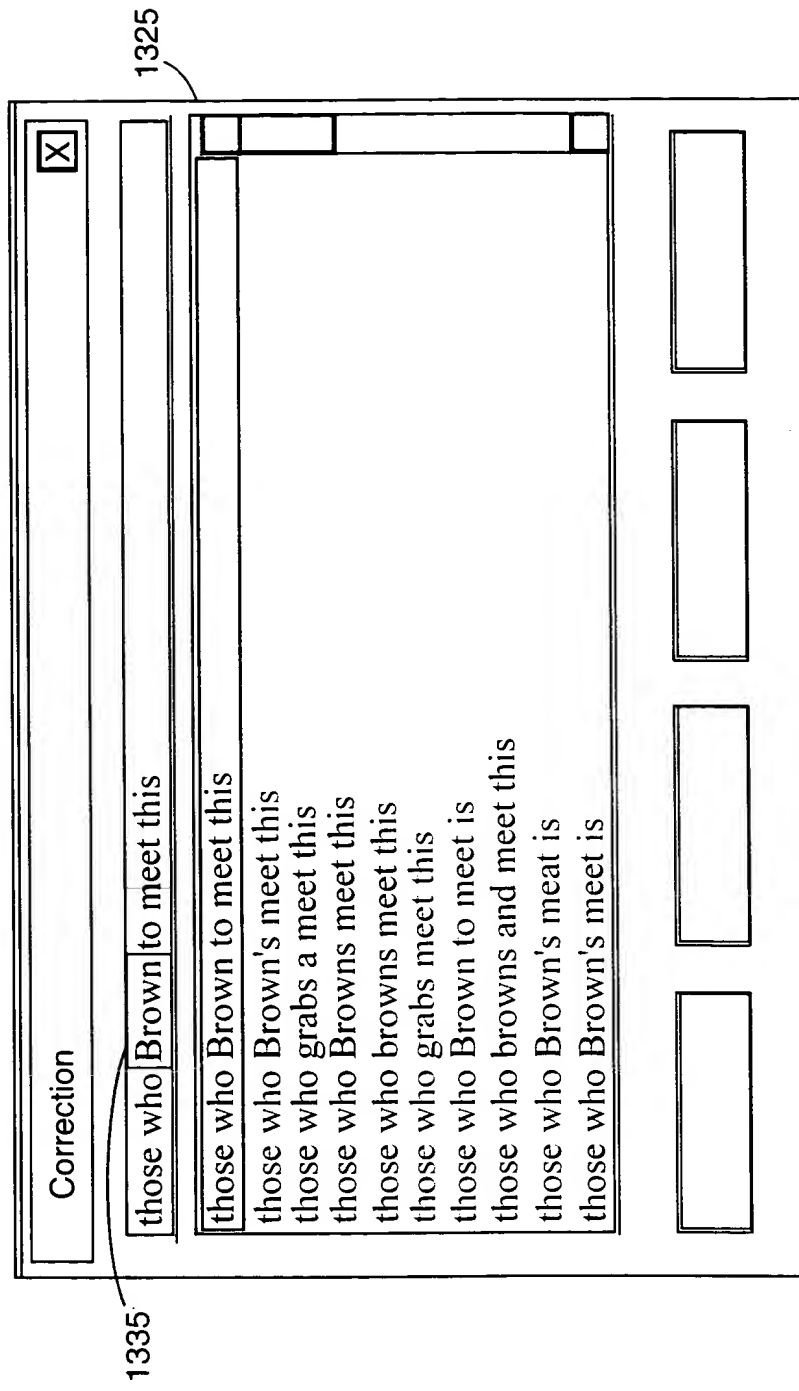


FIG. 13F

1340—"p r o n"

-note that every choice ends with "to meet this".

1341

Correction	
those who pron	to meet this
those who pron	to meet this
those who prone	to meet this
those who pronounce	a meet this
those who pronounced	to meet this
those who pronouncement	to meet this
those who pronouncements	to meet this
those who pronatalist	to meet is
those who pronate	to meet this
those who pronated	to meet this
those who pronates	to meet this

1325

--	--	--	--	--

FIG. 13G

Click on #3:

Correction

X

those who pronounce to meet this

those who pron to meet this

those who prone to meet this

those who pronounce to meet this

those who pronounced to meet this

those who pronouncement to meet this

those who pronouncements to meet this

those who pronatalist to meet is

those who pronate to meet this

those who pronated to meet this

those who pronates to meet this

1345

1325

FIG. 13H

select "to meet this" by mouse

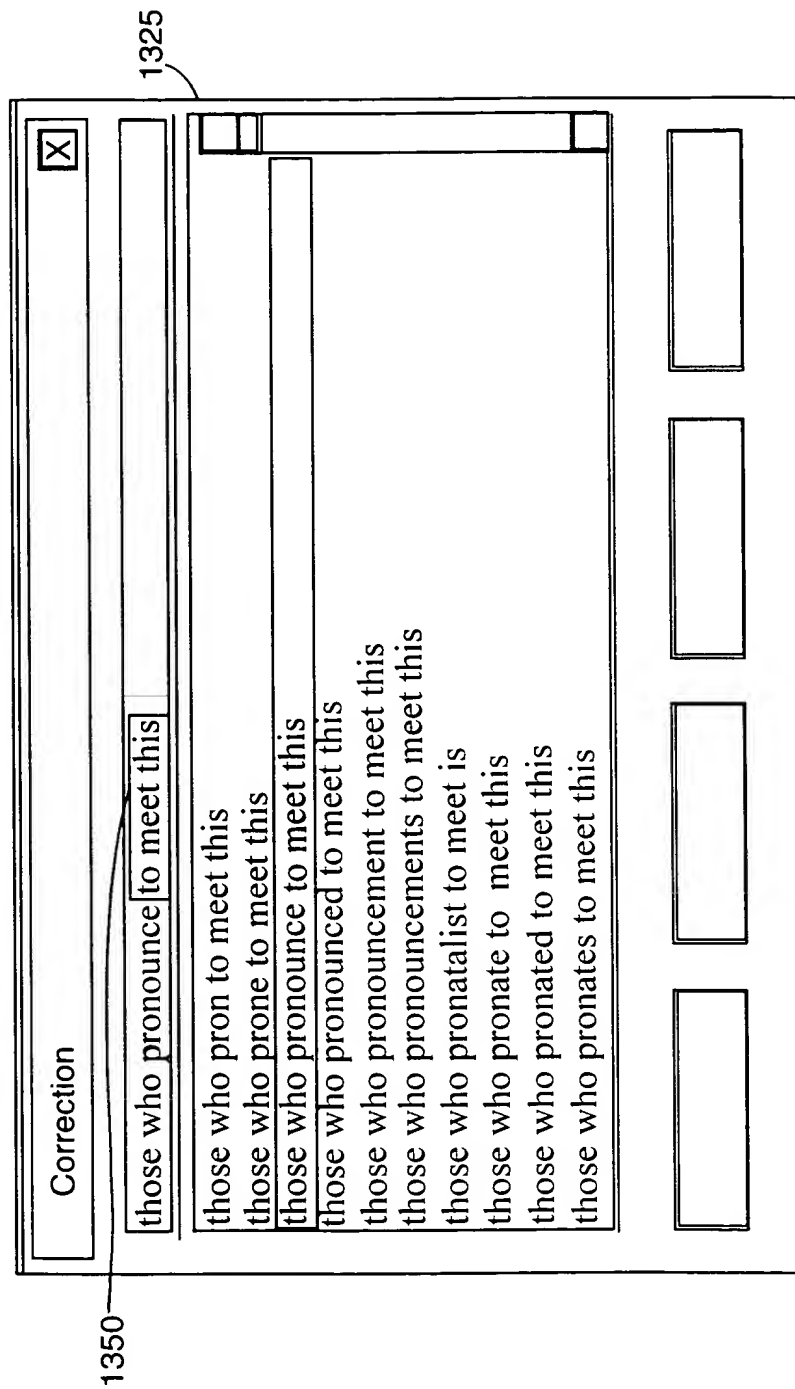


FIG. 13I

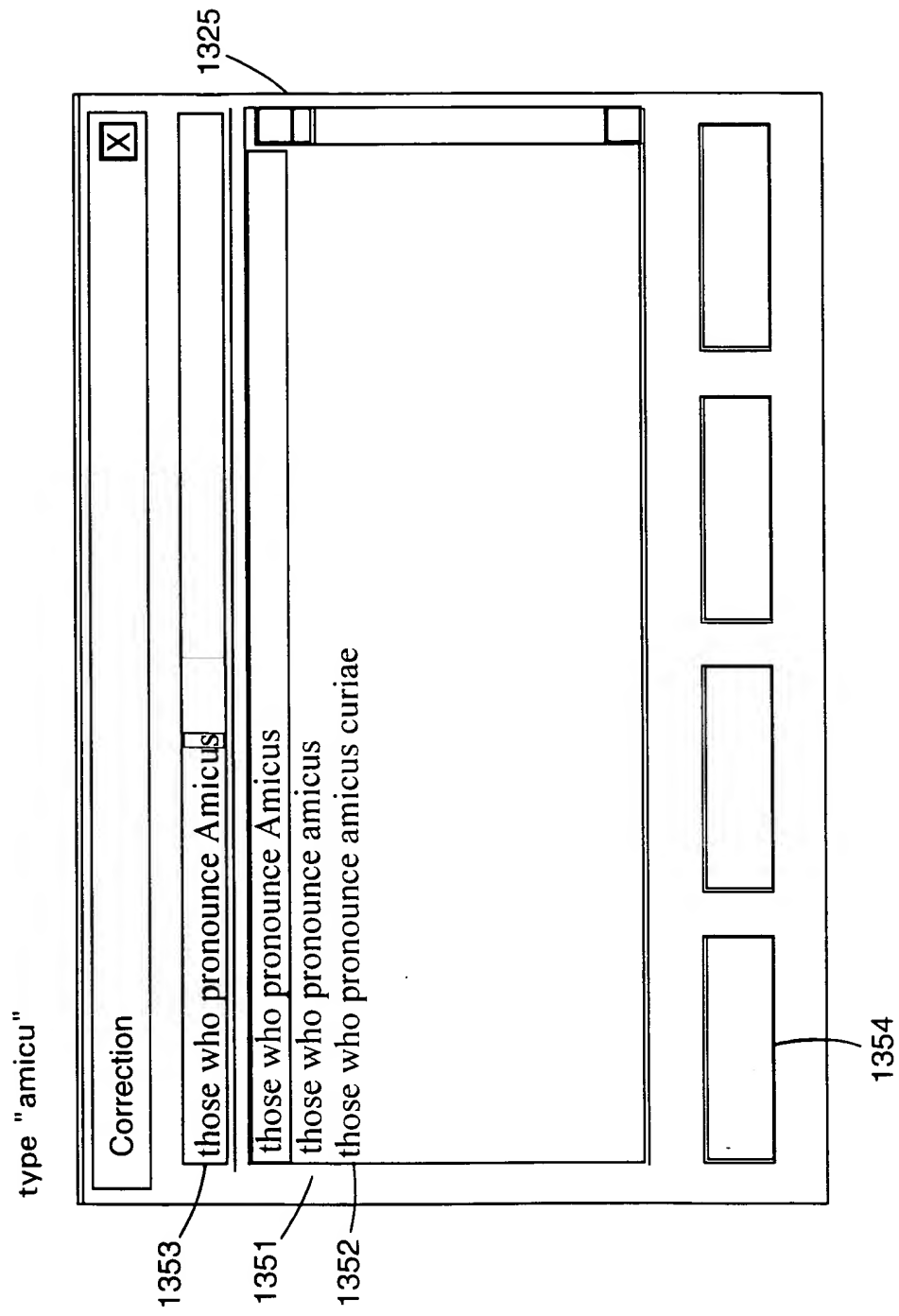


FIG. 13J

Click on OK

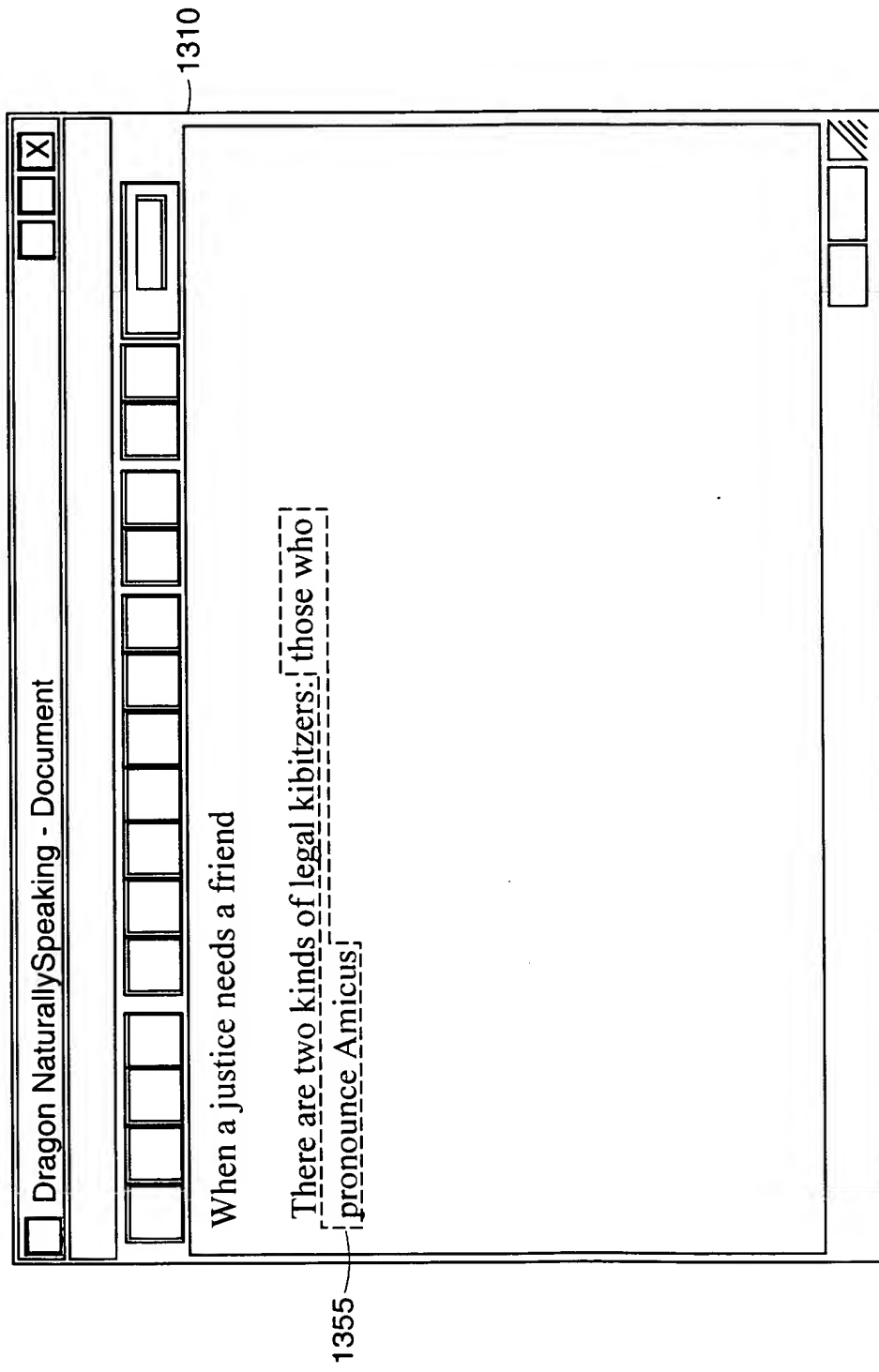


FIG. 13K

1360 — "Each submits a brief as an outsider"

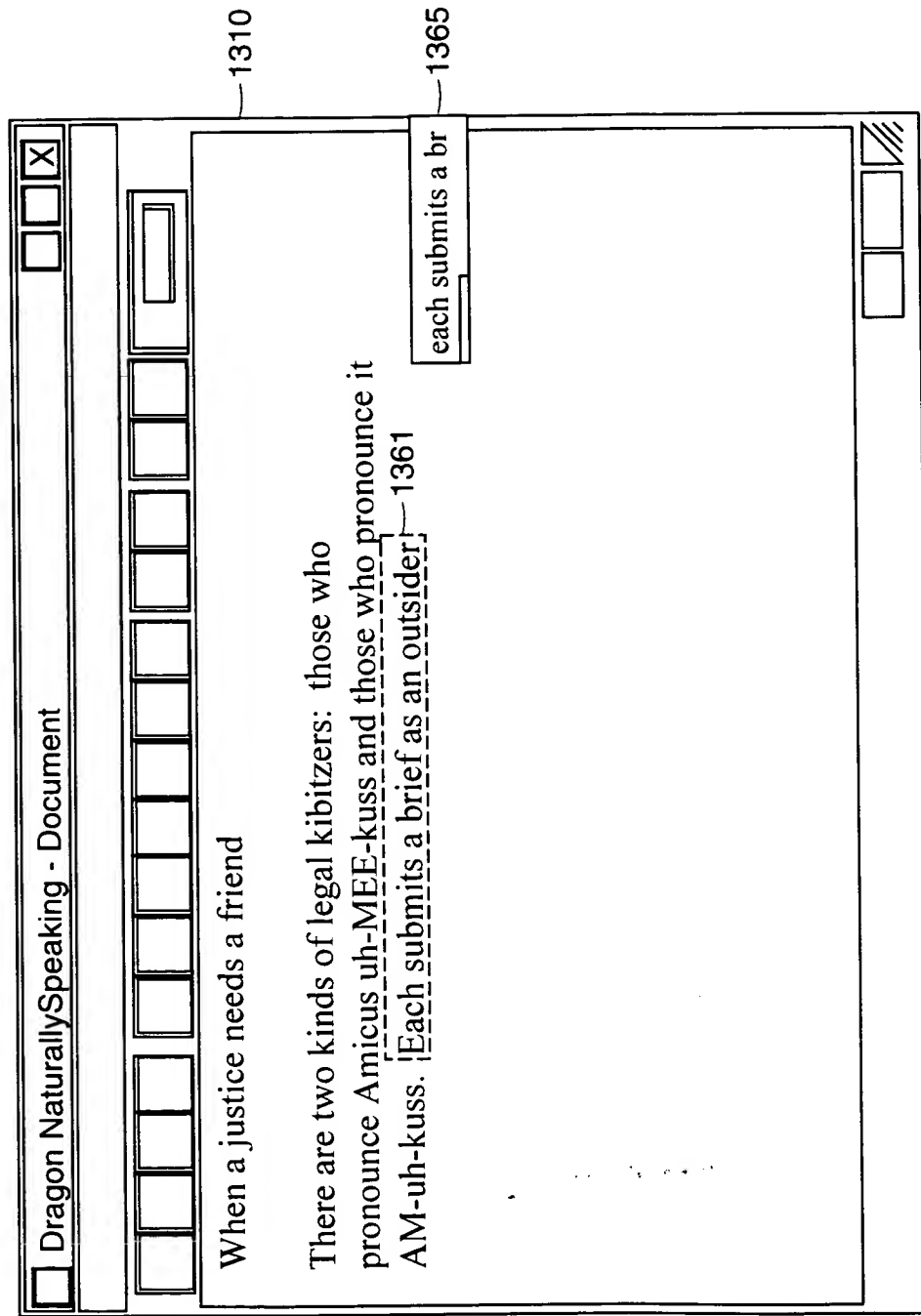


FIG. 13L

1331 — "CORRECT THAT"

1370 —

1372 —

1325 —

Correction	
Each submits a brief is an outsider	
Each submits a brief is an outsider	
Each submits a brief as an outsider	
Each submits a brief as outsider	
Each submits a brief his outsider	
Each submits a brief is the outsider	
Each submits a brief is outsider	
Each submitted revisit outsider	
Each submit to revisit outsider	
Each submits a brief doesn't outsider	
Each submits a brief isn't outsider	

FIG. 13M

[illegible]

FIG. 13N

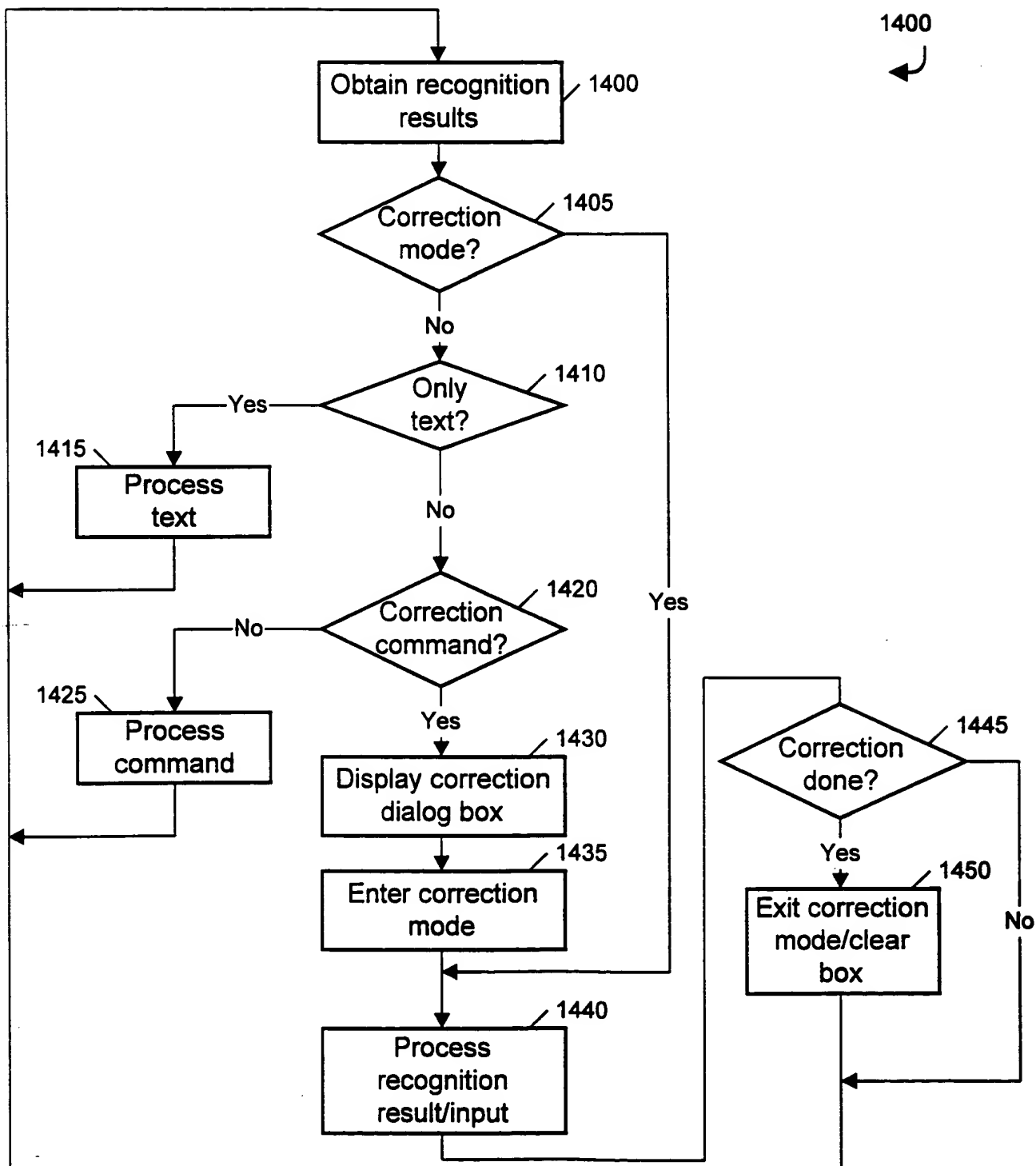


FIG. 14

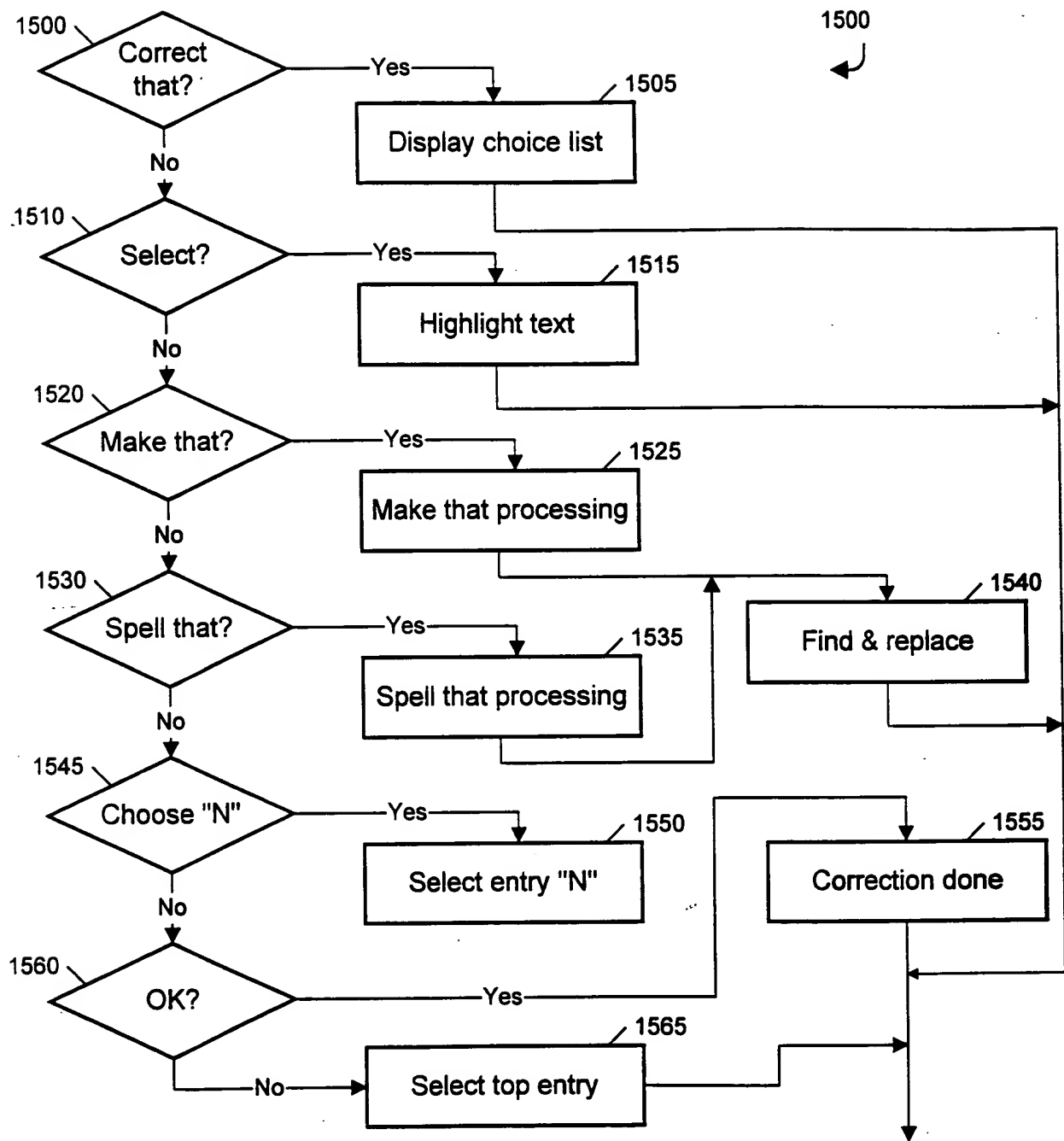
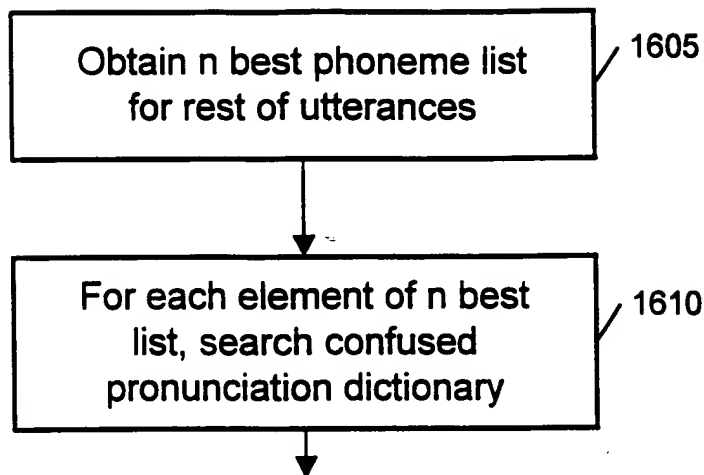


FIG. 15

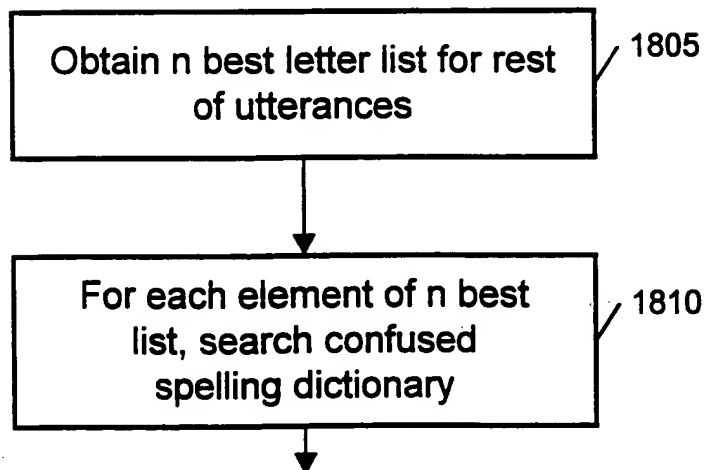
1600



(MAKE THAT)

FIG. 16

1800



(SPELL THAT)

FIG. 18

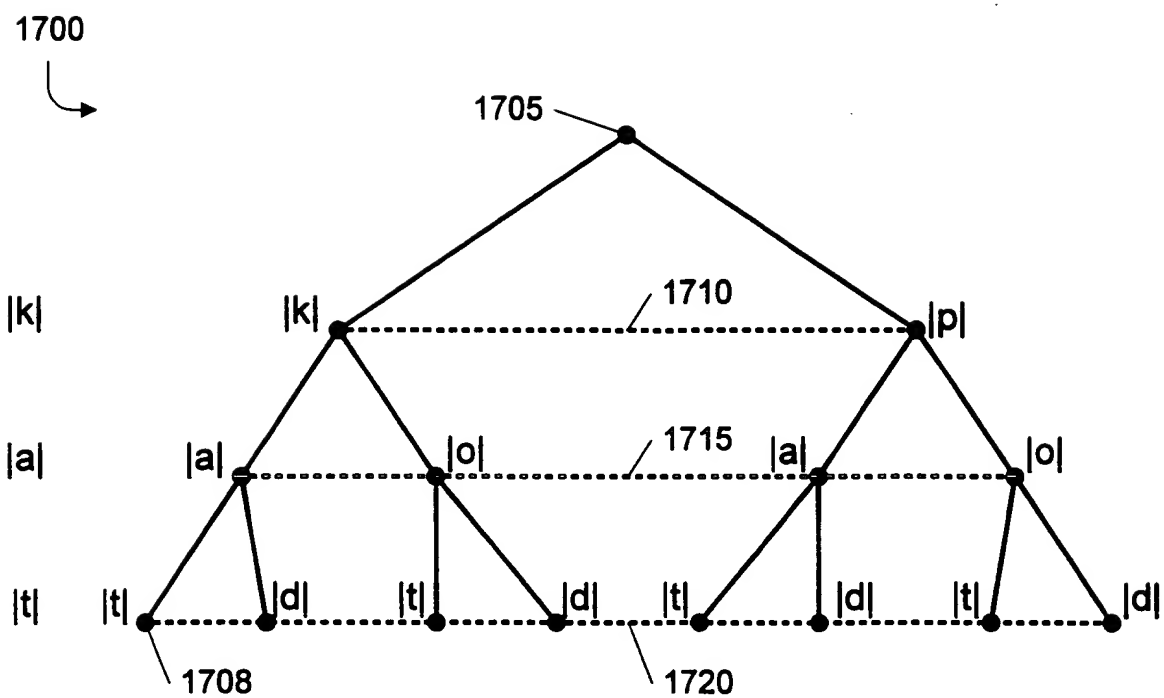


FIG. 17

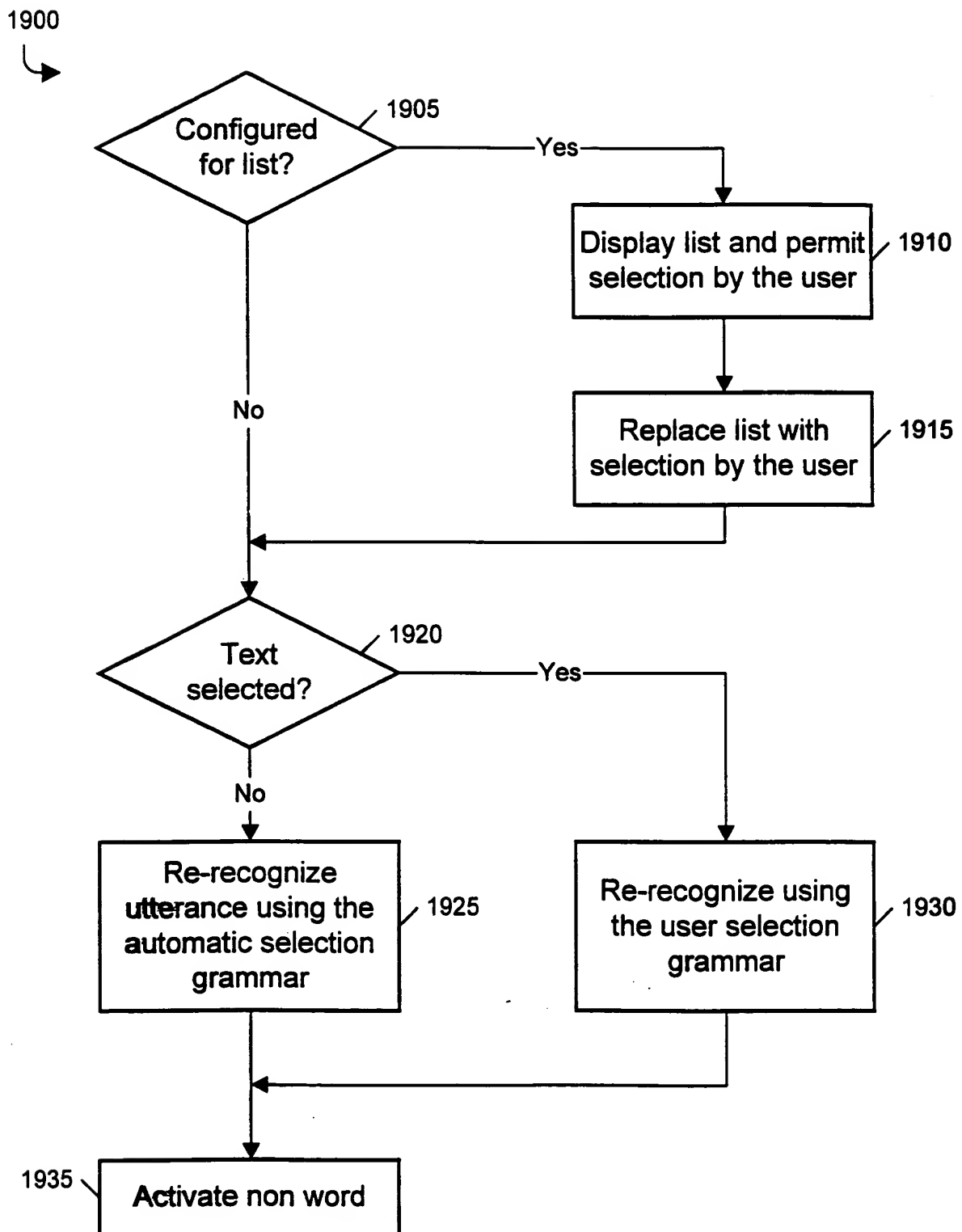
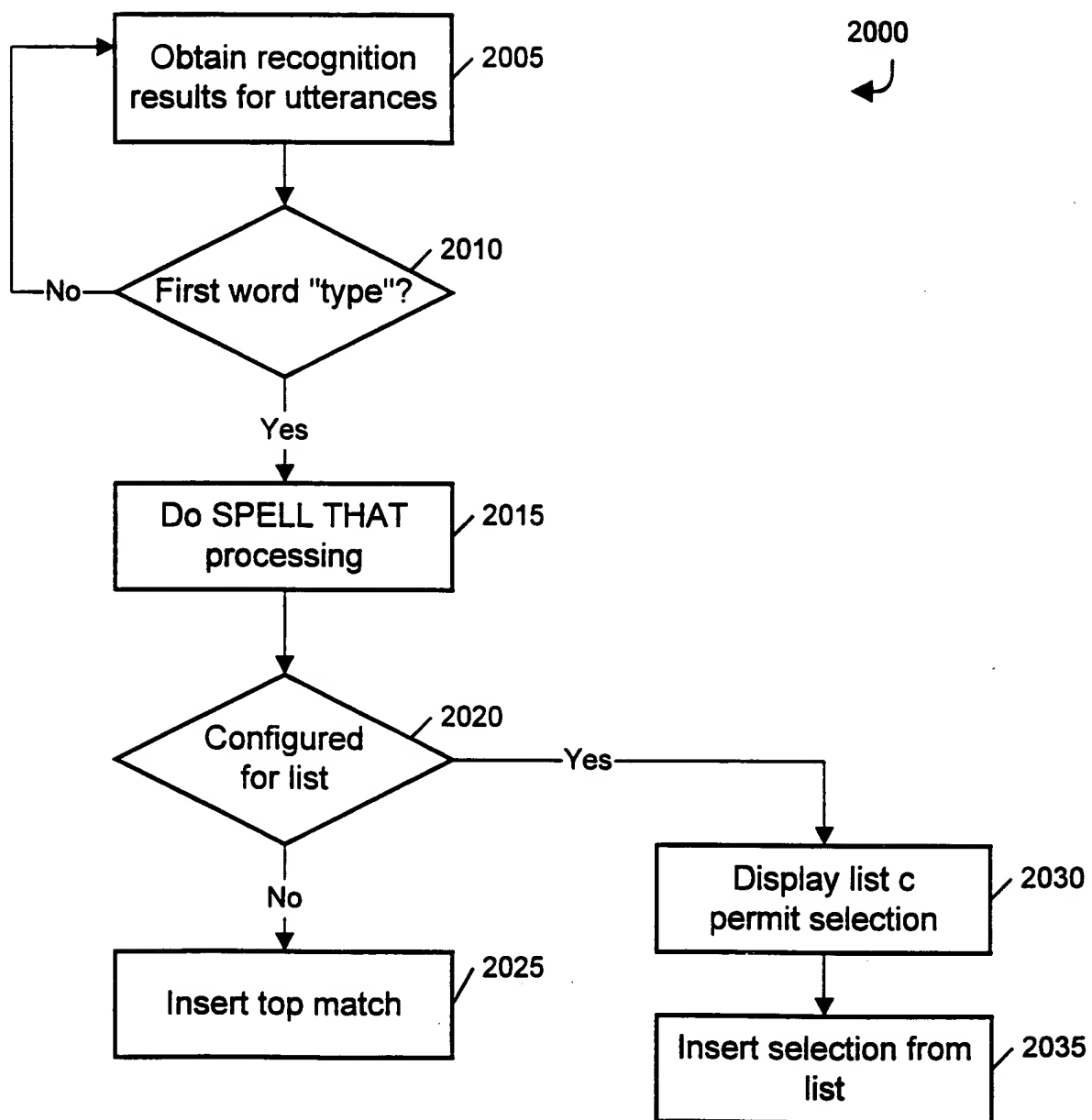


FIG. 19



(TYPE)
FIG. 20